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| FORM PTO-1390<br>OFFICE<br>(Modified)<br><br><b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>         DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>         CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   | <b>ATTORNEY'S DOCKET NUMBER</b><br>32860-000854/US<br><b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b><br><b>NEW APPLICATION</b><br><b>EXPRESS MAIL LABEL NO.</b><br><div style="font-size: 1.5em; font-weight: bold;">10/529499</div> |
| <b>INTERNATIONAL APPLICATION NO.</b><br><br>PCT/DE2003/002882   | <b>INTERNATIONAL FILING DATE</b><br><br>August 28, 2003 | <b>PRIORITY DATE CLAIMED</b><br><br>September 30, 2002   |
| <b>TITLE OF INVENTION</b><br>ARRANGEMENT COMPRISING A LOW VOLTAGE POWER SWITCH AND A SWITCHING GAS DAMPER PROVIDED WITH A CARRIER ELEMENT AND USED FOR THE LOW VOLTAGE POWER SWITCH   |   |  |
| <b>APPLICANT(S) FOR DO/EO/US</b><br>Clifford A. BUXTON, Thomas LEYE, and Stefan LOSCH   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <b>WO 2004/032167 A1</b></li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |  |
| <b>Items 11. to 20. below concern document(s) or information included:</b>  |   |  |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98-1449, International Search Report (PCT/ISA/210), International Preliminary Examination Report (PCT/IPEA/409), PTO Form 1449 w/ Thirteen (13) References, German Translation Aid</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <ol style="list-style-type: none"> <li>1) Amended Letter w/ Amended Sheet (Art. 34)</li> <li>2) Formal Drawings (2 Sheets)</li> </ol> </li> </ol>   |   |  |

| U.S. APPLICATION NO (if known, see 37 CFR 1.5)<br><b>10/529499</b>   |                                     | INTERNATIONAL APPLICATION NO<br>PCT/DE2003/002882 |  | ATTORNEY'S DOCKET NUMBER<br>32860-000854/US                   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
|--|-------------------------------------|---|--|---|------------------------|-----|------|-------------------------------|----------|------|--------------------------------|----------|------|-------------------------------------|----------|---------------------------------------|--|
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>PCT FEES – NATIONAL STAGE:</b><br><br><table style="width:100%;"> <tr> <th style="text-align:left;">Fee Code</th> <th style="text-align:left;">Description</th> <th style="text-align:right;">Fee</th> </tr> <tr> <td>1631</td> <td>Basic National Stage Fee.....</td> <td style="text-align:right;">\$300.00</td> </tr> <tr> <td>1632</td> <td>National Stage Search Fee.....</td> <td style="text-align:right;">\$500.00</td> </tr> <tr> <td>1633</td> <td>National Stage Examination Fee.....</td> <td style="text-align:right;">\$200.00</td> </tr> </table>   |                                     |   |  | Fee Code  | Description            | Fee | 1631 | Basic National Stage Fee..... | \$300.00 | 1632 | National Stage Search Fee..... | \$500.00 | 1633 | National Stage Examination Fee..... | \$200.00 | <b>CALCULATIONS      PTO USE ONLY</b> |  |
|  |                                     |   |  | Fee Code  | Description            | Fee |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| 1631   | Basic National Stage Fee.....       | \$300.00  |  |   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| 1632   | National Stage Search Fee.....      | \$500.00  |  |   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| 1633   | National Stage Examination Fee..... | \$200.00  |  |   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>ENTER APPROPRIATE FEE AMOUNT =</b><br><br>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(e)).  |                                     |   |  | \$ 1000.00  |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
|  |                                     |   |  | \$ 130.00   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>PAGES</b>   |                                     | <b>PAGES FILED</b>                                | <b>EXTRA PAGES FILED IN 50 PAGE SEGMENTS</b> | <b>RATE</b>   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| Total Pages  |                                     | 19 - 100 =  | 0  | X 250.00  | \$ 0.00                |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>CLAIMS</b>  |                                     | <b>NUMBER FILED</b>                               | <b>NUMBER EXTRA</b>                          | <b>RATE</b>   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| Total Claims   |                                     | 20 - 20 =   | 0  | X \$50.00   | \$ 0.00                |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| Independent Claims   |                                     | 2 - 3 =   | 0  | X \$200.00  | \$ 0.00                |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                                     |   |  | + \$360.00  | \$ 0.00                |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                                     |   |  |   | \$ 1130.00             |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                                     |   |  |   | \$                     |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>SUBTOTAL =</b>  |                                     |   |  |   | \$ 1130.00             |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(f)).   |                                     |   |  |   | \$                     |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>TOTAL NATIONAL FEE =</b>  |                                     |   |  |   | \$ 1130.00             |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |                                     |   |  |   | \$ 0.00                |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| <b>TOTAL FEES ENCLOSED =</b>   |                                     |   |  |   | \$ 1130.00             |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
|  |                                     |   |  |   | Amount to be: refunded | \$  |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
|  |                                     |   |  |   | charged                | \$  |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1130.00</b> to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account. No. 08-0750 in the amount of \$      to cover the above fees.<br>A triplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-0750</u> .<br><br><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b><br><br>Send all correspondence to:<br><b>Harness, Dickey &amp; Pierce, P.L.C – Customer No. 30596</b><br><b>Post Office Box 8910</b><br><b>Reston, Virginia 20195</b><br><br><b>Date: March 29, 2005</b> |                                     |   |  |   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
|  |                                     |   |  | By <u>Donald J. Daley</u><br>Donald J. Daley, Reg. No. 34,313 |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |
| DJD/smk  |                                     |   |  |   |                        |     |      |                               |          |      |                                |          |      |                                     |          |                                       |  |

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicants: Clifford A. BUXTON et al.  
Int'l Application No.: PCT/DE2003/002882  
Application No.: **NEW APPLICATION**  
Filed: March 29, 2005  
For: **ARRANGEMENT COMPRISING A LOW VOLTAGE  
POWER SWITCH AND A SWITCHING GAS DAMPER  
PROVIDED WITH A CARRIER ELEMENT AND USED  
FOR THE LOW VOLTAGE POWER SWITCH**

**LETTER**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop PCT**

March 29, 2005

Sir:

Amended sheets are attached hereto (which correspond to Article 34 amendments or to claims attached to the International Preliminary Examination Report), as required by 35 U.S.C. § 371(c)(3). The Article 34 amended sheets are incorporated in the included substitute specification and Preliminary Amendment.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:   
Donald J. Daley, Reg. No. 34,313

DJD:smk

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